

Remarks:

Reconsideration of the application is requested.

Claims 1 and 7-31 are now in the application. Claims 1 and 8-19 have been withdrawn from consideration at this time. Claims 23-31 have been added.

In deference to the election requirement in items 1-3 on pages 2-4 of the above-identified Office action, Applicants elect the species of Fig. 5A and the subspecies where data is transmitted by capacitive coupling, for prosecution at this time.

Applicants reserve the right to file a divisional application including the species of Fig. 5B and the other subspecies at a later date.

The following claims read on the elected species and subspecies: claims 7 and 20-31.

Applicants respectfully traverse the election requirement on the ground that the species of Figs. 5A and 5B are not patentably distinct.

The common features of the embodiments according to Figs. 5A and 5B are the specific arrangement of the solar cell on the

front and back side of the wafer, respectively. The common benefits of the invention according to Figs. 5A and 5B are that in either case an operating current with a magnitude sufficient to operate the semiconductor chip during the functional test may be reliably generated since the given areas for the solar cells in both embodiments can be increased as a result of the specific arrangement on the front side and back side of the wafer, respectively. Moreover, due to such increased solar cell area, all of the chips on the semiconductor wafer can be tested in parallel since a sufficient energy supply can be provided. Applicants therefore believe that there is a technical relationship between these two embodiments involving corresponding technical features. In other words, these two embodiments reflect the same basic underlying inventive concept.

In view of the foregoing, the early issuance of an Action on the merits, and the allowance of all of the claims are solicited.

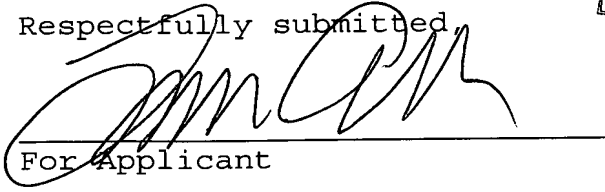
The fee in the amount of \$162.00 for nine added claims in excess of twenty is enclosed.

If an extension of time for this paper is required, petition for extension is herewith made. Please charge any fees which might be due with respect to Sections 1.16 and 1.17 to the

Deposit Account of Lerner and Greenberg, P.A., No. 12-1099.

Respectfully submitted,

LAURENCE A. GREENBERG
REG. NO. 29,308


For Applicant

YHC:cgm

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Lerner and Greenberg, P.A.
Post Office Box 2480
Hollywood, FL 33022-2480
Tel: (954) 925-1100
Fax: (954) 925-1101